

URBAN DISTRICT  
COUNCIL OF ADWICK-LE-STREET

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ANNUAL  
REPORT  
OF THE  
MEDICAL OFFICER  
OF HEALTH  
FOR  
1948  
BY  
John Ferguson  
M.B., Ch.B., D.P.H.

COUNCIL OFFICES,  
ADWICK-LE-STREET,  
Nr. DONCASTER



# URBAN DISTRICT COUNCIL OF ADWICK-LE-STREET, 1948.

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Chairman of the Council :  
Councillor J. SHAW, J.P.

Vice-Chairman :  
County Councillor T. BAYNHAM

Chairman of the Health and Housing Committee :  
Councillor A. HARWOOD.

Members of the Health and Housing Committee :  
Councillor H. BAYNHAM      Councillor A. H. MARSHALL

„	T. BOWATER	„	A. McCACKEN,
„	G. BRAMLEY	„	H. PERKINS
„	W. CLIFF	„	H. ROBERTS
„	W. CRANFIELD J.P.	„	P. C. TOPLISS
„	F. C. ELLIOTT	„	T. WATTS
„	J. H. LEWIS	„	J. WORDLEY
			R. YOUNG
	County Alderman J. W. LANE, J.P., B.E.M.		

## Urban District Council of Adwick-le-Street

Public Health Department,  
Council Offices,

Adwick-le-Street,

Nr. Doncaster,

July, 1949.

### TO THE CHAIRMAN AND MEMBERS OF THE ADWICK-LE-STREET URBAN DISTRICT COUNCIL.

Mr. Chairman, Gentlemen,

I have pleasure in submitting herewith my Annual Report on the health of the inhabitants of the district for the year 1948. As requested by the Ministry of Health, this report has again been kept as brief as possible.

The Vital Statistics show that the health of the inhabitants continues to be satisfactory. The number of births fell from 508 to 453 giving a Birth Rate of 24 compared with 26.6 in 1947 and a rate of 17.9 for England and Wales. The number of deaths fell slightly from 191 to 162 giving a Death Rate of 8.6 compared with that of England and Wales of 10.8.

The number of deaths of infants under 1 year of age showed a welcome reduction. There were 24 such deaths compared with 36 in 1947 giving an Infantile Mortality Rate of 53 compared with a rate of 34 for England and Wales. It is only by continued efforts to improve contributory factors, i.e. housing, social, nursing, hospital and medical, that the unfortunate wastage of young lives will be reduced.

Apart from a small outbreak of measles and whooping cough the incidence of infectious disease was very low and it is worthy of record that as last year only one confirmed case of diphtheria occurred during the year. The acceptance of immunisation against diphtheria is very good and the results are reflected in the marked fall in the number of cases each year.

My thanks are due to the Chairman and Members of the various Committees and to my fellow Officials for their help and co-operation during the year. I am particularly indebted to the Sanitary Inspector and to the Public Health Staff for their valued help.

I have the honour to be,

Gentlemen,

Your obedient Servant,

J. FERGUSON,

Medical Officer of Health.

**Section A.**  
**STATISTICS AND SOCIAL CONDITIONS OF THE AREA.**

Area—3,605 acres.

Registrar General's estimate of—

- (1) Resident Population Mid-Year, 1948—18,880.
- (2) Average Population appropriate to the calculation of Death Rates—18,880.

Number of inhabited houses at end of 1948—4,606.

Rateable value—£72,252.

Sum represented by a penny rate—£301/10/0.

**EXTRACTS FROM VITAL STATISTICS.**

(Corrected for inward and outward returns).

**BIRTHS.**

		Male	Female	Total
Live Births : Legitimate	... ...	205	226	431
Illegitimate	... ...	7	15	22
Total	... ...	212	241	453

Birth Rate per 1,000 of estimated population 24.0.

		Male	Female	Total
Still Births : Legitimate	... ...	2	5	7
Illegitimate	... ...	—	—	—
Total	... ...	2	5	7

Rate per 1,000 total (live and still) Births—24.4.

**DEATHS.**

		Male	Female	Total
Deaths	... ... ... ...	87	75	162

Crude Death Rate per 1,000 of the estimated resident population—8.6.

**DEATHS FROM Puerperal Causes.**

	Deaths	Rate per 1,000 total (live and still) Births
Puerperal Sepsis	... ...	—
Other Maternal Causes	... ...	—
Total	... ... ...	—

Deaths of Infants under one year of age	...	24
Death Rate of all Infants per 1,000 live birth		53.0
Death Rate of legitimate Infants per 1,000 legitimate live births	...	46.4
Death Rate of illegitimate Infants per 1,000 illegitimate live births	...	182

## DEATHS FROM

		1947	1948
Cancer (all ages)	...	24	22
Measles (all ages)	...	—	—
Whooping Cough (all ages)	...	—	1
Diarrhoea (under 2 years of age)		6	4

## BIRTH AND DEATH RATES.

		1947	1948
Total number of live births	...	508	453
Birth rate per 1,000 population	...	26.8	24.0
Birth Rate for England and Wales		20.5	17.9
Total number of deaths	...	191	162
Death rate per 1,000 population (crude)		10.0	8.6
Death rate per 1,000 for England and Wales	...	12.0	10.8

There were 29 fewer deaths in the year and the Death Rate has decreased from 10.0 to 8.6 compared with 10.8 for England and Wales for 1948.

## INFANTILE MORTALITY.

The Infantile rate is the number of deaths of infants under one year of age per 1,000 registered births.

		1947	1948
Adwick-le-Street per 1,000 births		71.0	53.0
England and Wales per 1,000 births		41.0	34.0

An investigation of these deaths showed the following conditions were the main factors or contributing factors in the causes of death.

Prematurity	...	...	3 deaths
Congenital Malformation and Birth Injuries	...	...	5 ..
Bronchitis and Broncho- Pneumonia	...	...	8 ..
Gastro Enteritis	...	...	3 ..
Other Causes	...	...	5 ..

The age groups for these 24 deaths were:—

Up to 24 hours	1 day-7 days	1 week-4 weeks	1 month-1 year
4	5	3	12

The number of deaths of children under one year of age continues to fluctuate but with a general downward tendency. Prematurity remains a constant cause of death and, if allied to overcrowded housing conditions, make the rearing of these premature babies difficult. The problem has been given serious consideration and amongst the provisions made to deal with it are :—

1. The provision of special hospital beds for premature babies.
2. The provision of special cots, etc. when the premature child is nursed at home.
3. The extended care of the service of the District Nurse and Health Visitors.
4. The services of the Child Health Specialist in a consultative capacity to the family doctor.
5. Ante-natal and Post-natal Hostels.

#### ROAD ACCIDENTS AND OTHER VIOLENT CAUSES.

One inhabitant of this district lost his life through a road accident.

Four inhabitants were killed by other violent causes, compared with five in 1947.

#### COMPARATIVE TABLES.

Year	Population	Birth Rate	Death Rate	Infantile Mortality Rate
1915	10,431	39.00	12.60	147.40
1920	11,797	30.90	9.90	67.70
1930	19,230	25.70	11.00	60.40
1931	20,620	22.40	10.10	66.90
1932	20,257	21.40	10.80	72.80
1933	20,170	20.90	10.10	90.00
1934	19,810	18.10	11.80	74.90
1935	19,650	19.60	12.90	80.70
1936	19,680	18.30	13.90	72.20
1937	19,330	16.70	13.60	58.20
1938	19,170	18.90	14.70	74.10
1939	19,050	19.52	13.46	72.58
1940	18,050	18.94	13.06	40.81
1941	18,120	19.75	(crude) 9.27	77.12
1942	17,890	19.67	(crude) 8.66	53.97
1943	17,670	20.71	(crude) 10.01	71.03
1944	17,770	25.00	(crude) 8.89	49.43
1945	18,060	21.87	(crude) 11.68	96.20
1946	19,120	21.86	(crude) 9.05	35.88
1947	19,100	26.6	(crude) 10.0	71.0
1948	18,880	24.0	(crude) 8.6	53.0
			(crude)	

Adwick-le-Street Urban District.  
 PRINCIPAL VITAL STATISTICS FOR THE YEAR 1948.  
 Based on Registrar-General's Figures.

	Adwick-le-Street Urban District	Aggregate West Riding Urban Districts	West Riding Admin. County	England & Wales (Provis'nal figures)
<b>BIRTH RATE</b> (per 1,000 estimated population) ... ...	24.0	18.3	18.5	17.9
<b>DEATH RATES :-</b> (All per 1,000 estimated population)				
All Causes ... ...	8.6	11.8	11.3	10.8
Zymotic Diseases (seven principal)*	0.26	0.12	0.12	**
Tuberculosis of Respiratory System	0.27	0.37	0.37	0.44
Other forms of Tuberculosis ...	0.05	0.07	0.07	0.07
Respiratory Diseases (excluding tuberculosis of respiratory system)† ... ...	1.11	1.34	1.29	**
Cancer ... ...	1.17	1.83	1.74	1.86
Heart and Circulatory Diseases‡ ...	2.38	3.98	3.73	**
<b>INFANT MORTALITY</b> (Deaths under one year per 1,000 live births) ... ...	53.0	38.0	39.0	34.0
<b>DIARRHOEA</b> (Deaths in infants under 2 years of age per 1,000 live births)	8.83	4.17	4.38	3.3
<b>MATERNAL MORTALITY</b> (Deaths of mothers in childbirth per 1,000 live and still births)				
Puerperal Sepsis ...	—	0.09	0.10	0.24
Other Causes ...	—	1.02	1.05	0.78
Total ... ...	—	1.11	1.15	1.02

\* Combined death rate from smallpox (if any), scarlet fever, enteric fever, diphtheria, measles and whooping cough, also diarrhoea in infants under 2 years of age.

† Combined death rate from Bronchitis, Pneumonia and other Respiratory Diseases, excluding Tuberculosis of the Respiratory System.

‡ Combined death rate from Heart Disease and other diseases of the Circulatory System.

\*\* Figures not available.

## SOCIAL CONDITIONS.

The chief occupation of the inhabitants of the Urban District is Coal Mining with tradesmen and shopkeepers who cater for their needs. A reference to the vital statistics and to the Infectious Diseases rates show that the health of the inhabitants is satisfactory.

## Section B.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

#### 1. PUBLIC HEALTH OFFICERS.

##### (a) Medical Officer of Health :

JOHN FERGUSON, M.B., Ch.B., D.P.H.

The scheme for the divisionalisation of the Public Health Service of the County is now in operation. Adwick-le-street U.D.C. and Bentley-with-Arksey U.D.C. now form Division 27 with offices at the Hostel, Doncaster Road, Woodlands (Telephone No. Adwick-le-Street 2176). The administrative control of all County Council Health Services has been delegated to the Divisional Medical Officer.

##### (b) Sanitary Inspector :

W. SENIOR, M.S.I.A.

##### (c) Clerk :

Miss R. A. CRANFIELD.

#### 2. DIVISIONAL HEALTH OFFICE.

##### (a) Divisional Medical Officer of Health.

Dr. JOHN FERGUSON.

##### (b) Assistant Medical Officer of Health.

Dr. F. D. F. STEEDE.

##### (c) Paediatrician.

Dr. C. HARVEY.

##### (d) Ante-Natal Medical Officers

Dr. M. BOLSOVER.

Dr. D. CHAPMAN. :

##### (e) Health Visitors

Miss M. LAMBERT.

Miss A. PETERSON.

Miss M. O. STONE.

##### (f) School Nurse

Mrs. M. FLETCHER.

(g) **Midwives**

F. ARRAND. Telephone No. Adwick-le-Street 2128  
S. EDWARDS. Telephone No. Adwick-le-Street 2156  
J. GOODINSON. Telephone No. Adwick-le-Street  
2191.  
H. HUDSPITH. Telephone No. Adwick-le-Street 2117  
H. le VANN. Telephone No. Adwick-le-Street 2244.  
E. STEVENSON. Telephone No. Doncaster 4617.  
L. APPLEYARD (Relief) Telephone No. Doncaster  
3883.  
R. HUNTER (Relief) Telephone No. Doncaster 49790

(h) **Home Nurses**

W. M. COOPER. Telephone No. Adwick-le-Street  
2193.  
A. D. RILEY.  
E. E. ALLEN.

(i) **Senior Clerk.**

E. GILLOTT (left 31st October, 1948.)  
C. W. VALLANCE (commenced 1st December, 1948).

**SERVICES.**

1. **Child Welfare.**

(a) **Clinics.**

The attendances at these Clinics are as follows :—

1. Presbyterian Chapel, Owston Road, Carcroft - Thursday  
1-30 - 4-30 p.m.
2. Woodside Chapel, Woodlands, near Doncaster - Thurs-  
day 9-30 a.m. - 4-30 p.m.

		Carcroft.	Woodlands.	Total
No. of attendances during year :				
(a) Children under 1 ...	3332	4863	8195	
(b) Children 1—5 years ...	531	652	1183	
No. of cases seen by Doctor	663	678	1341	
No. who attended for first time during year :				
(a) Under 1 ... ...	99	220	319	
(b) 1—5 years ... ...	—	7	7	
No. of children at Centre who at year end were :				
(a) Under 1 ... ...	97	213	310	
(b) 1—5 years ... ...	331	137	468	
Total No. of Sessions	... 47	100	147	
Average attendance per session				
(a) Under 1 ... ...	71	48.63	55.75	
(b) 1—5 years ... ...	11.3	6.52	8	

(b) **Home Visits.**

With the passing of the National Health Service Act the duties of Health Visitors will be considerably extended and will cover not only pre-school and school children, expectant and nursing mothers, but all members of the community. No. of 1st visits to children :

(a) Under 1 year	...	...	451
(b) 1—5 years	...	...	52

No. of re-visits to children :

(a) Under 1 year	...	...	1165
(b) 1—5 years	...	...	1408

No. of Ante-Natal Visits :

(a) 1st visits	...	...	47
(b) Other	...	...	125

No. of Special Visits     ...     ...     ...     199

No. of Measles cases visited     ...     ...     ...     3

Total visits     ...     3450

**2. Maternity Service.**

(a) **Ante-Natal Clinics.**

Clinics are held weekly at Carcroft and Woodlands with a Medical Officer, Health Visitors and Midwives in attendance. In addition to medical care, advice is given on all matters appertaining to pregnancy, diet, clothing, maternity benefits etc.

- (a) Carcroft - Monday 10 a.m. - 4 p.m.
- (b) Woodlands - Monday 10 a.m. - 12-30 p.m.  
Tuesday 10 a.m. - 4 p.m.

	Carcroft	Woodlands	Total
Total No. of attendances :			
(a) Ante Natal	...	819	2073
(b) Post Natal	...	64	60
			2892
			124

No. of individual women who attended :

(a) Ante Natal	...	...	166	491	657
(b) Post Natal	...	...	64	60	124

No. of sessions     ...     ...     94     138     232

Average attendance per session :

(a) Ante Natal	...	...	8.7	15	12.5
(b) Post Natal	...	...	68	43	53

(b) **Midwives.**

There is a full complement of midwives in the area and the domiciliary midwifery and visits made to the patients is down below :

No. of confinements attended	
(a) As Midwife	... ... ... 333
(b) As Mat. Nurse	... ... ... 30
No. of Ante-Natal visits	... 2010
No. of Post Natal visits	... ... 6434
Gas and Air cases attended	... 1

(c) **Gas and Air Analgesia.**

All Midwives have now attended a course on the administration of this simple anaesthetic to ease the pain of childbirth. Only four cases were given this help during the year but apparatus is now available to allow the anaesthetic to be given in all cases when it is requested.

(d) **Maternity Hospital Accommodation.**

Close co-operation has been established with the Regional Hospital Board and the Specialists, Miss E. Peaker and Mr. D. R. L. Stevenson attached to the local Maternity Hospitals. Cases which require admission to hospital on medical grounds are admitted as first priority after reference to the Specialists. Cases which require admission to hospital for the confinement because of overcrowding, etc., receive special consideration and the whole scheme is working most satisfactorily.

**Hospital Confinements, 1948.**

Montague Hospital	... ... ... ...	7
Listerdale Maternity Home	... ... ...	7
Hallamshire Maternity Home	... ... ...	10
Hamilton Annexe	... ... ... ...	64
Hamilton Lodge	... ... ... ...	1
Fairfield Nursing Home	... ... ... ...	18
Abiel Nursing Home	... ... ... ...	5
Jessop Hospital	... ... ... ...	1
		<hr/>
	Total ...	113
		<hr/>

**3. DISTRICT NURSING.**

On the 5th July district nursing passed to the control of the County Council and the immediate supervision of the work or the district nurses is now the responsibility of the Divisional Medical Officer. It is not possible to give the figures for the work for the whole of 1948, but the following table shows the work done since 24th July, 1948.

The doctors in the area make a direct call on the nurses for their services.

#### Home Nursing - Records from 24th July, 1948.

	Carcroft & Skellow	Woodlands	Total
No. of cases attended	138	59	197
Visits :			
(a) Day	1074	1887	2961
(b) Night	24	32	56

#### 4. HOME HELPS.

This service provides domestic help in a household where domestic duties cannot be carried out because of sickness, age, etc. During 1948 the scheme was in process of development and now is providing a most useful service. All home helps are employed on a part-time basis and recipients of the service are required to contribute towards the cost in accordance with their means.

#### 5.—SPECIAL CLINICS.

Special clinics have been set up for all children suffering from orthopaedic defects, defects of the ear, nose and throat and defective vision.

Appended is a list of attendances at such clinics during the year.

##### Ear, Nose and Throat Specialist.

No. of children referred to E.N.T. Specialist	...	89
Operations required	...	59
Treatment required	...	21
No action	...	9

11 Clinics held at the Doncaster Infirmary.

##### Refraction.

18 Clinics held. 11 at Divisional Health Office, 7 at Carcroft Child Welfare Centre.

No. of children examined or re-examined	...	202
Glasses prescribed	...	91
Treatment prescribed	...	20
No action recommended	...	91

##### Orthopaedic.

Clinics held bi-monthly at 20, Christ Church Road, Doncaster.

No. of children examined	...	...	...	...	...	8
Operations or Treatment required	...	...	...	...	...	8
No action	...	...	...	...	...	Nil.

## 6. PAEDIATRIC CLINIC.

A Specialist in diseases of children, Dr. C. Harvey, holds a monthly clinic. Children are referred to this Clinic by the general practitioners and by the Medical Officers of the Clinics.

## 7. SCHOOL MEDICAL INSPECTIONS.

Every school child is examined by a whole-time Medical Officer at least three time during school life.

1. On entry to a Primary School.
2. In the last year at a Primary School.
3. In the last year at a Secondary School.

Additional special examinations are carried out at the request of the parents, teachers, or at the Medical Officer's discretion.

When the medical examination reveals a defect, arrangements are in force for the child to receive the necessary advice and treatment. All such cases are kept under constant supervision until the defect is cleared up.

No. of children examined	...	...	...	...	...	...	1590
Routine	...	...	...	...	...	1218	
Specials	...	...	...	...	...	192	}
Re-examinations	...	...	...	...	...	180	

No. of children found to have defects :

(a) Requiring treatment	...	...	...	...	...	284
(b) Requiring observation	...	...	...	...	...	211

Nutrition of children examined

Normal	...	...	...	...	...	...	1543
Sub-normal	...	...	...	...	...	...	47

## Examination of Physically Handicapped Children.

No. of children examined	...	...	...	...	...	...	40
(a) Special educational treatment in Ordinary School	...	...	...	...	...	...	11
(b) Admission to Open Air School	...	...	...	...	...	...	6
(c) Admission to Deaf School	...	...	...	...	...	...	1
(d) Referred to Orthopaedic Specialist	...	...	...	...	...	...	4
(e) Referred to E.N.T. Specialist	...	...	...	...	...	...	1
(f) Referred to Speech Therapist	...	...	...	...	...	...	1
(g) Supervision of own doctor	...	...	...	...	...	...	5
(h) Observation	...	...	...	...	...	...	5
(i) No treatment	...	...	...	...	...	...	3
(j) School meals	...	...	...	...	...	...	2
(k) Referred to Paediatrician	...	...	...	...	...	...	1

## Examination of suspected educationally retarded children.

No. examined	...	...	...	...	...	...	17
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## 8. AMBULANCE SERVICE.

This scheme is operated from the Ambulance Depot, Yarboro' Terrace Bentley. Ambulances and sitter cars are available 24 hours per day on request from doctors and nurses or from the general public in an emergency.

Patients discharged from hospital and who require ambulance facilities use those in which the hospital is situated e.g., patients discharged from the Doncaster Royal Infirmary have the service of the Doncaster Borough Ambulance.

## 9. TELEPHONE NUMBERS.

Health Department : Adwick-le-Street 2234.

Medical Officer of Health : Private Residence, Doncaster 55237

Sanitary Inspector : Private Residence, Adwick-le-Street 3282

Divisional Health Office : Adwick-le-Street 2176.

Ambulance Depot, Bentley : Doncaster 49468.

Ambulance Depot, Doncaster : Doncaster 53173.

## 10. CLINICS AND TREATMENT CENTRES.

Appended is a list of clinics and treatment centres :

CLINICS	SITUATION	TIME OF OPENING
Maternity and Child Welfare	Wesleyan Chapel, Woodlands	Thursdays 10—12 a.m. 2—4 p.m.
"	Presbyterian Church, Carcroft	Thursdays 2 p.m.
Ante-natal	Wesleyan Chapel, Woodlands	Mondays 10—12 a.m. Tuesdays 10 a.m.—3 p.m.
"	Presbyterian Church, Carcroft	Monday 10 a.m.—3 p.m.
Tuberculosis	20, Christ Church Rd., Doncaster	Monday 2 p.m. and 7 p.m.
Venereal Diseases	Doncaster Royal Infirmary	Men : Tuesday 5-30—7-30 Friday 4—6 p.m. Women and Children Monday 4—6 p.m. Friday 6—8 p.m.
Diphtheria Immunisation	Public Health Dept., Council Offices, Adwick-le-Street	Friday 2-30 p.m.
Vaccination	Child Welfare Centres	By appointment
School Clinics	Presbyterian Church, Carcroft Adwick Park School	Thursday 9—12 a.m. Wednesday 1-30— 3-30 p.m.
	Woodlands School Highfields School	Thursday 9—12 a.m. Tuesday 2—4 p.m. and Friday 2—4 p.m.
Orthopaedic	Christ Church Road, Doncaster	By appointment
Ear, Nose and Throat	Doncaster Royal Infirmary	By appointment
Refraction	Child Welfare Centres	By appointment By appointment.

## Section C. SANITARY CIRCUMSTANCES OF THE AREA.

### 1. WATER SUPPLY.

#### (a) Town Supply.

The area is supplied with water obtained in bulk from the Doncaster and Tickhill Joint Water Board. The supply continues to be satisfactory, being of good quality, constant and sufficient.

Number of Dwelling Houses on public supply—4,588.

An extension of supply was made during the year to the new Housing Estate at Carcroft.

The net consumption of water per head per day is as follows :—

1940	—22.726	gallons	per head	per day.
1941	—25.059	"	"	"
1942	—26.897	"	"	"
1943	—28.313	"	"	"
1944	—29.619	"	"	"
1945	—31.084	"	"	"
1946	—34.399	"	"	"
1947	—32.184	"	"	"
1948	—31.856	"	"	"

As these figures are net figures after metered supplies have been deducted, there is a slight decrease in the use of water by domestic consumers.

Appended is a copy of a chemical and bacteriological examination. 44 samples were taken during the year. 23 by the Surveyor and 21 by the Sanitary Inspector.

### CHEMICAL ANALYSIS.

Richardson and Jaffe,  
Victoria Square,  
Bradford, 1948.

#### Report upon sample of water from Adwick-le-Street Urban District Council.

	Parts per 100,000
Total Solids .....	24.0
Chloride .....	1.8
Nitrite .....	None
Nitrate .....	trace
Free Ammonia .....	0.002
Albuminoid Ammonia .....	0.002
Metals .....	None
Total Hardness .....	16.2
Permanent Hardness .....	1.8
Temporary Hardness .....	14.4
pH .....	7.4

This water is of good organic purity.

RICHARDSON and JAFFE.

## BACTERIOLOGICAL EXAMINATION.

Health Laboratory,  
Wakefield, June, 1948

Report upon the Bacteriological Examination of water  
collected from Ridge Balk Lane, Woodlands.

Presumptive B. Coli      None in 100 ml. of water.

The examination shows that this water is satisfactory according to the standard recommended by the Ministry of Health.

### (b) WELLS AND SPRINGS.

9 samples of water have been taken during the year from wells and springs used or capable of being used by isolated houses. In all cases the water was found to be satisfactory.

### 2. RIVERS AND STREAMS.

The Mill Stream and the Ea Beck flow through the district. The White Cross Bridge which spans the Ea Beck is now in course of repair following damage during the floods in 1947.

### 3. DRAINS AND SEWERAGE.

An extension of the sewerage system is taking place at Carcroft for the new housing site.

The effluent from the works continues to be classified as satisfactory.

### 4. CLOSET ACCOMMODATION.

No. of Water Closets	...	...	...	...	...	5253
No. of Privies	...	...	...	...	...	11
No. of Pail Closets	...	...	...	...	...	14
No. of Waste Water Closets	...	...	...	...	...	None
No. of W.C.'s. constructed for new houses						139
No. of W.C.'s. constructed for old houses	...	...	...	...	...	7

### 5. SCAVENGING.

This work is done by the Council under the direction of your Surveyor. One 30 cwt. Morris lorry and two 2 ton Karrier Bantams are used for scavenging.

	1947	1948
Total weight removed	12,369 tons	12,372 tons
No. of loads removed	4,533	4,534
Total costs	£4,489/3/0	£4,005/18/11
Cost per ton	7/3d.	6/5 $\frac{3}{4}$ d.
Cost per house	19/10 $\frac{1}{2}$ d.	17/3 $\frac{3}{4}$ d.
Cost per person	4/5 $\frac{1}{2}$ d.	4/0 $\frac{1}{6}$ d.
Mileage Travelled	19,271 miles	21,585 miles

Refuse is tipped on land adjoining Adwick Sewage Works and the Ea Beck at Bentley Moor Lane.

## 6. SANITARY INSPECTIONS OF THE AREA.

No. of Inspections made ...	1263
No. of Informal Notices served ...	301
No. of Informal Notices outstanding Dec 1947	59
No. of Informal Notices complied with ...	319
No. of Informal Notices outstanding Dec. 1948	41
No. of Statutory Notices served ...	45
No. of Statutory Notices outstanding Dec. 1947	19
No. of Statutory Notices complied with ...	55
No. of Statutory Notices outstanding Dec. 1948	9

## 7. SWIMMING BATHS AND POOLS.

There are none in the area. There are Pit Head Baths at Brodsworth Colliery.

## 8. OFFENSIVE TRADES.

FISH FRYING. During the year 37 inspections were made. There are 17 shops in the area.

KNACKERS YARDS. There are none in the area.

COMMON LODGING HOUSES. There are none in the area.

## 9. SCHOOLS.

There are six primary school departments, two secondary senior departments, and one secondary Grammar school in the area. In addition the R.C. school is an all department school. The Skellow school consisting of a primary department and a secondary senior department is built just outside this Council's area and although all the children attending it are resident in this District the supervision of the health service for this school comes under the control of the Divisional Medical Officer for the Doncaster Rural District.

In all cases of Notifiable Disease the Head Teacher is informed of the contacts and the period of exclusion.

No schools were closed during the year.

There are at present three school canteens in operation, one supplying Highfields, one Woodlands and Adwick-le-Street and the other supplying Carcroft and Skellow.

## 10. RAINFALL AND TEMPERATURE.

Your Surveyor, W. S. Ellis, Esq., has kindly supplied me with a copy of the recording of rainfall and temperature throughout the year.

Comparative figures are as follows :—

	RAINFALL		TEMPERATURE			
	1947	1948	Minimum 1947	Deg. 1948	Maximum 1947	Deg. 1948
Jan.	2.08" 11" snow	4.61" 0" snow	14	24	56	55
Feb.	2.13 ins. 2' 4" snow	1.15 ins. 5" snow	9	21	48	62
Mar.	3.88 ins. 8" snow	.31 ins.	6	26	58	74
April	1.9 ins.	1.65 ins.	29	27	72	75
May	2.06 ins.	1.63 ins.	32	32	88	80
June	2.94 ins.	2.25 ins.	38	40	98	80
July	1.41 ins.	.77 ins.	45	42	91	90
Aug.	0.48 ins.	4.26 ins.	45	39	87	86
Sept.	1.08 ins.	.93 ins.	36	36	84	79
Oct.	0.64 ins.	1.04 ins.	30	26	74	72
Nov.	1.14 ins.	1.11 ins.	24	23	64	61
Dec.	1.18 ins.	1.90 ins.	18	23	54	62

The wettest day of the year was the 12th August with 2.04" rainfall, the hottest day the 30th July with a temperature of 90 degrees, and the coldest day the 21st February with 11 degrees of frost.

## 11. MORTUARIES.

For accidents—One in Council Yard.

For Post Mortem examination—One in Council Yard.

## 12. SMOKE ABATEMENT.

15 observations were taken during the year. In this district the smoke nuisances arise from the two collieries. Repeated representations have been made during the past years and the industry, recognising the nuisance exists, are taking steps to abate it but progress is very slow.

## 13. RODENT CONTROL.

The Sanitary Inspector reports satisfactory results from his programme for dealing with rat infestation at the Sewage Work, Refuse Tips, Sewers, Private Dwelling-houses and premises generally.

## Section D.

### HOUSING.

83 houses were built in the district during 1948. The number of houses in the various wards are :—

Skellow	...	...	...	...	...	...	956
Carcroft	...	...	...	...	...	...	932
Adwick	...	...	...	...	...	...	983
Woodlands East	...	...	...	...	...	...	599
Woodlands	...	...	...	...	...	...	674
Highfields	...	...	...	...	...	...	462

## INSPECTION AND SUPERVISION OF FOOD

### 1. MILK SUPPLY.

Number of Cowsheds	...	...	...	...	11
Number of Cowkeepers	...	...	...	...	10
Number of Cows	...	...	...	...	50
Number of Wholesale Traders	...	...	...	...	11
Number of Retail Purveyors	...	...	...	...	44
Number of Inspections of Cowsheds	...	...	...	...	22

### 2. LICENCES IN FORCE IN THE AREA.

#### MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936-46.

Details of Licences in operation during 1948 :

(a) Dealers licences in respect of

(a) Pasteurised Milk	...	...	...	...	...	...	2
(b) Tuberculin Tested (Pasteurised) Milk	...	...	...	...	...	...	9
(b) Licence to bottle Tuberculin Tested Milk	...	...	...	...	...	...	1
(c) Licence to Pasteurise Milk	...	...	...	...	...	...	2
(b) H.T.S.T.	...	...	...	...	...	...	1
(d) Supplementary Licences	...	...	...	...	...	...	2
(a) to retail Pasteurised Milk	...	...	...	...	...	...	2
(b) to retail T.T. Pasteurised Milk	...	...	...	...	...	...	1

### 3. EXAMINATION OF MILK FOR TUBERCULOSIS.

Number of samples taken	...	...	...	33
Number found tuberculous	...	...	...	1

In this case an official of the Ministry of Agriculture and Fisheries investigated the herd at the farm of production.

### 4. BACTERIOLOGICAL EXAMINATION OF MILK.

(a) Pasteurised Milk.

75 samples of milk were taken during the year. 25 samples pasteurised by the "Holding Process" and 50 by the "High Temperature Process." In the first process the milk is held between 145 deg.—150 deg. F. for at least 30 minutes, and then cooled to 55 deg. F, and in the second process the milk is held at a minimum of 162 deg. F for a minimum of 15 seconds and then cooled to 55 deg. F.

All pasteurised milk is subjected to the Methylene Blue and the Phosphatase Test. The latter test is to ensure that the milk has been subjected to the proper temperature for the necessary length of time and so ensure the destruction of any harmful bacteria that might be present in the milk.

Of the 75 samples, 7 failed to pass the Methylene Blue Test, 3 failed to pass the Phosphatase Test.

#### (b) PASTEURISED TUBERCULIN TESTED MILK.

50 samples of this milk were taken, one failed to pass the Phosphatase Test and 8 failed to pass the Methylene Blue Test.

### 5. GENERAL.

It is pleasing to report the continued high standard of pasteurised milk treated and retailed in this district, and the owners of the plants have co-operated fully with the Health Department.

### 6. FOOD AND DRUGS ACT, 1938.

33 milk samples have been taken during the year. One of the samples were classified "adulterated" by the Public Analyst.

### 7. MEAT AND OTHER FOODS.

No slaughtering has taken place in the district as all butchers obtain their meat supplies from the Meat Pool at the Doncaster Abattoir.

No samples (apart from milk) were taken for examination under the Food and Drugs Act, 1938

### 8. ICE-CREAM.

Continued attention was given throughout the year to the methods and places of manufacture of ice-cream and 55 samples were taken for bacteriological examination. There is no statutory test but the Ministry have suggested four grades and consistent failure to reach grades 1 and 2 require further investigation.

Of the 55 samples taken

44 or 80.0% were Grade 1.

7 or 12.72% were Grade 2.

4 or 7.27% were Grade 3.

At no time did samples from any particular source fail to reach Grade 1 and 2.

## INSPECTION OF FOOD SUPPLY.

The following articles of food have been condemned and destroyed:

Fish .....	1 box	Milk .....	82 tins
Fish .....	6sts.	Peas .....	27 tins
Kippers .....	28 lbs.	Jam .....	12 tins
Fishcakes .....	212	Tomatoes .....	49 tins
Flour .....	6 lbs.	Fruit Juice .....	6 tins
Sugar .....	4½ lbs.	Tomato Juice .....	14 tins
Jam .....	95 lbs.	Apricots .....	4 tins
Marmalade .....	15 lbs.	Pears .....	5 tins
Yeast .....	4¾ lbs.	Apples .....	2 tins
Sausage .....	22 lbs.	Grapefruit .....	9 tins
Tomatoes .....	91 lbs.	Fruit Cocktail .....	9 tins
Bacon .....	6 lbs.	Salmon .....	15 tins
Cake .....	3 lbs.	Herrings .....	2 tins
Cheese .....	8 lbs.	Pilchards .....	5 tins
Black Pudding .....	8 lbs.	Sardines .....	11 tins
Butter .....	1¼ lbs.	Rock Cod .....	2 tins
Farinoca .....	1 lb.	Silver Hake .....	2 tins
Tea .....	¼ lb.	Mussels .....	14 tins
Crab Paste .....	1 lb.	Crab Paste .....	3 tins
Salmon Paste .....	1 lb.	Beef Loaf .....	4 tins
Lemon Curd .....	1 lb.	Luncheon Meat ...	6 tins
Beetroot .....	4 jars	Sausage .....	2 tins
Onions .....	3 jars	Meat & Veg. ....	10 tins
Mixed Pickles .....	7 jars	Mixed Veg. ....	6
Piccalilli .....	4 jars	Soup .....	11 tins
Chutney .....	6 jars	Beans .....	11 tins
Fish Paste .....	5 jars	Spaghetti .....	5 tins
Custard flavour .....	1 jar	Potatoes .....	4 tins
Sauce .....	25 bottles	Syrup .....	3 tins
Yorkshire Relish	1 bottle	Marmalade .....	1 tin
Coffee .....	2 bottles	Peaches .....	1 tin
Bovril .....	4 bottles	Veal Loaf .....	1 tin
Plums .....	9 bottles	Ham Loaf .....	1 tin
Mason's Extract	1 bottle	Tongue .....	1 tin
Bread .....	51 loaves	Pork .....	1 tin
Malt Bread .....	2 loaves	Potted Meat .....	1 tin
Cakes .....	27	Dried Egg .....	1 tin
Teacakes .....	40	Date Pudding .....	1 tin
		Carrots .....	1 tin
		Anchovey .....	1 tin
		Mushroom Kctchup	1 tin

## Section F.

The following table shows the notification of Infectious Diseases and the Ward distribution—

Disease	Adwick	Highfields	W'dlands	Wood- lands	Carcroft	Skellow	Total
Scarlet Fever	5	3	6	3	10	6	33
Diphtheria	4	2	—	1	—	2	9
Erysipelas	6	1	1	1	4	7	20
Measles	10	20	6	12	7	5	60
Whooping Cough	30	6	3	13	33	50	135
Pneumonia	13	4	1	2	24	34	78
Cerebro-Spinal Fever	—	—	2	—	—	—	2
Ophthalmia Neonatorum	—	—	1	—	—	—	1
Puerperal Pyrexia	—	—	1	—	—	—	1
							339

There were 339 notified cases as compared with 684 cases in 1947.

Of the 9 cases of Diphtheria notified only 1 proved to be actually Diphtheria and neither of the cases of Cerebro-Spinal Meningitis were confirmed.

## DISTRIBUTION OF INFECTIOUS DISEASES IN AGE GROUPS.

Diseases	Under 1	1-	2-	3-	4-	5-	10-	15-	20-	35- 45-	65 and over	Total	Hospital	Confirmed	Deaths
Scarlet Fever	—	2	2	2	6	14	6	1	—	—	—	33	33	33	—
Diphtheria	—	2	—	2	1	2	—	1	1	—	—	9	9	1	—
Erysipelas	—	—	—	—	—	—	—	—	5	6	7	2	20	—	20
Measles	9	7	10	14	13	5	1	—	1	—	—	60	—	60	—
Whooping Cough	15	14	21	18	14	51	2	—	—	—	—	135	—	135	1
Pneumonia	12	4	11	2	7	11	1	1	7	4	14	4	78	—	78
Cerebro-Spinal Fever	—	—	—	—	—	1	—	—	1	—	—	2	2	—	—
Ophthalmia Neonotorum	1	—	—	—	—	—	—	—	—	—	—	1	—	1	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	1	—	—	1	—	1	—
												339	44	329	12

## DIPHTHERIA IMMUNISATION.

Acceptance of immunisation against Diphtheria continues to be satisfactory. Every effort is made to encourage mothers to take advantage of this protection which has practically stamped out Diphtheria. There was only one case of Diphtheria in the area during the year.

On the 31st December, 1948, the following figures were submitted to the Ministry of Health.

	Age 5 years		Total
	Age under 5 years	and over 5 years but under 15	
Number of children (including temporary residents) who completed the full course of immunisation in the Authority's Area between the 1st January and 31st December, 1948.	247	152	399
What percentage of the child population is it considered were immunised at 31st December, 1948.	45%	82%	

### OPHTHALMIA NEONATORUM.

One case was notified during the year, and treated at home. The vision was not impaired.

### TUBERCULOSIS.

No action was taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

Age Period	NEW CASES								DEATHS							
	Respiratory		Other		Forms		Respiratory		Other		Forms					
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	
0 to 1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 to 5	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—
5 to 15	1	—	2	1	1	3	—	—	—	—	—	—	—	1	—	—
15 to 25	3	2	1	4	—	—	—	—	1	1	1	1	—	—	—	—
25 to 35	—	—	2	2	—	—	—	—	1	—	—	—	—	—	—	—
35 to 45	—	1	1	—	—	—	—	—	1	1	—	1	—	—	—	—
45 to 55	2	2	1	—	—	—	—	—	1	1	—	1	—	—	—	—
55 to 65	3	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
65 and over	2	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Total	11	5	7	7	1	3	—	1	3	5	2	2	1	2	—	—

The number of cases on the Tuberculosis Register at the 31st December, 1948 was 131 compared with 190 in the previous year. Details are as follows :—

	1947		1948	
RESPIRATORY	Males	79	Females	40
OTHER FORMS	Males	42	Females	29
	Males	49	Females	28
	Males	34	Females	20

There have been no cases of wilful neglect or refusal to notify. The Medical Practitioners in the area are prompt in their notification of tuberculosis.

T.B. DEATH RATE—0·32 per 1,000.



## CAUSES OF DEATH, 1948.

All Causes : 162.

			Male	Female
			87	75
1	Typhoid and Paratyphoid	...	—	—
2.	Cerebro-Spinal Fever	...	—	—
3	Scarlet Fever	...	—	—
4	Whooping Cough	...	1	—
5	Diphtheria	...	—	—
6	Tuberculosis of Respiratory System	...	3	2
7	Other Forms of Tuberculosis	...	1	—
8	Syphilitic Diseases	...	—	—
9	Influenza	...	1	3
10	Measles	...	—	—
11	Acute Poliomyelitis and Polio-Encephalitis	—	—	—
12	Acute Infectious Encephalitis	—	—	—
13	Cancer of Buccal Cavity, Oesophagus and Uterus	3	—	—
14.	Cancer of Stomach and Duodenum	...	2	2
15	Cancer of Breast	...	—	2
16	Cancer of all other sites	...	7	6
17	Diabetes	...	1	1
18.	Intra cranial vascular lesions	...	6	10
19	Heart Disease	...	22	17
20	Other Diseases of Circulatory System	...	3	3
21	Bronchitis	...	6	3
22	Pneumonia	...	6	5
23	Other Respiratory Diseases	...	1	—
24	Ulcer of Stomach and Duodenum	...	1	—
25	Diarrhoea under 2 years	...	1	3
26	Appendicitis	...	1	—
27	Other Digestive Diseases	...	2	4
28	Nephritis	...	1	4
29	Puerperal and post-abortion Sepsis	...	—	—
30	Other Maternal Causes	...	—	—
31	Premature Birth	...	1	2
32	Congenital Malformation birth injuries			
		Infantile Diseases	4	3
33	Suicide	...	—	1
34	Road Traffic Accidents	...	1	—
35	Other Violent Causes	...	4	—
36	All other causes	...	8	4

**Birth Rates, Civilian Death Rates, Analysis of Mortality,  
Maternal Mortality and Case Rates for Certain Infectious  
Diseases in the Year 1948.**

**Provisional figures based on Quarterly Returns.**

	England and Wales	126 C.B.'s and Great Towns including London	148 smaller Towns Resident Pop. 25000—50000 at 1931 census	London County Adm.	Adwick- le- Street
<b>Rates per 1,000 Civilian Population :</b>					
<b>Births :</b>					
Live Births ... ... ...	17.9(a)	20.00	19.20	20.10	24.00
Still Births ... ... ...	0.42(a)	0.52	0.43	0.39	0.47
<b>Deaths :</b>					
All Causes ... ... ...	10.8(a)	11.60	10.70	11.60	8.60
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00	0.00
Whooping Cough ... ...	0.02	0.02	0.02	0.01	0.05
Diphtheria ... ... ...	0.00	0.00	0.00	0.01	0.00
Tuberculosis ... ... ...	0.51	0.59	0.46	0.63	0.32
Influenza ... ... ...	0.03	0.03	0.04	0.02	0.21
Smallpox ... ... ...	—	—	—	—	—
Acute Poliomyelitis and Polioencephalitis	0.01	0.01	0.01	0.00	0.00
Pneumonia ... ... ...	0.41	0.38	0.36	0.54	0.58
<b>Notifications (Corrected)</b>					
Typhoid Fever ... ...	0.01	0.00	0.01	0.00	0.00
Paratyphoid Fever ...	0.01	0.01	0.01	0.01	0.00
Cerebro-spinal Fever	0.03	0.03	0.02	0.03	0.00
Scarlet Fever ... ...	1.73	1.90	1.82	1.37	1.74
Whooping Cough ... ...	3.42	3.51	3.31	3.13	7.15
Diphtheria ... ... ...	0.08	0.10	0.09	0.10	0.05
Erysipelas ... ... ...	0.21	0.23	0.21	0.22	1.06
Smallpox ... ... ...	—	—	—	—	—
Measles ... ... ...	9.34	9.75	8.84	9.17	3.17
Pneumonia ... ... ...	0.73	0.84	0.60	0.57	4.13
Acute Poliomyelitis ...	0.04	0.05	0.04	0.04	—
Acute Polioencephalitis	0.00	0.00	0.00	0.00	—
<b>Rates per 1,000 Live Births :</b>					
<b>Deaths :</b>					
All causes under 1 year of age ... ... ...	34(b)	39	32	31	53.00
Enteritis & Diarrhoea under 2 years of age	3.30	4.50	2.10	2.40	8.83
<b>Rates per 1,000 Total (Live and Still) Births.</b>					
<b>Notifications (Corrected)</b>					
Puerperal Fever and					
Pyrexia	6.89	8.90	4.71	7.34(c)	0.05
<b>Maternal Mortality in England and Wales</b>					
Rates per 1,000 total (live and still) Births					
Rates per million women aged 15-44.					
140 Abortion with Sepsis		0.11		9	
141 Abortion without Sepsis		0.05		4	
142 Puerperal infections		0.13			
142-146, 148-150 other maternal causes		0.73			
(a) Rates per 1,000 total population. (b) per 1,000 related births. (c) In London, Puerperal Fever alone was 0.61.					

Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors)

Premises (1)	M/c line No. (2)	Number on Register (3)	Number of		
			Inspections (4)	Written notices (5)	Occupiers prosecuted (6)
(1) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	1	4	6	—	—
(II) Factories not included in (1) in which Section 7 is enforced by the Local Authority	2	16	22	1	—
(III) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ... ... ... ...	3	—	—	—	—
<b>TOTAL ...</b>		20	28	1	—

Cases in which defects were found

Sanitary Conveniences (insufficient) 2 found, 2 remedied.

Outwork—Nil return.

J. FERGUSON,

Medical Officer of Health







